

ABSTRACT

The invention provides a Fresnel lens sheet, in which a rainbow, hot band, moiré, color corn and the like are inconspicuous, bright uniformity is maintained, sharpness of an image is not deteriorated, and a balance is kept, and provides a rear projection type screen having the Fresnel lens sheet. In the Fresnel lens sheet 1 having a Fresnel lens element group 4 each Fresnel lens element composed of a Fresnel lens surface 2 and a non-lens surface 3 on a surface (light outgoing surface 7) thereof, the surface roughness of at least one of the Fresnel lens surface 2 of the Fresnel lens element group, the non-lens surface 3 of the Fresnel lens element groups 4, and the sheet surface 12, on which no Fresnel lens element group 4 is formed, is made rougher from the central portion of the Fresnel lens sheet outwardly. At the time, it is preferable that the difference between the surface roughness of the central portion of the Fresnel lens sheet 1 and the surface roughness of the outer peripheral portion of the Fresnel lens sheet be 0.1  $\mu\text{m}$  or more to 5.0  $\mu\text{m}$  or less.